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(DE). JONCZYK, Alfred [DE/DE]; Schepp Allee 57,  
64295 Darmstadt (DE).

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(74) Common Representative: MERCK PATENT GMBH;  
Frankfurter Strasse 250, 64293 Darmstadt (DE).

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(71) Applicant (for all designated States except US): MERCK  
PATENT GMBH [DE/DE]; Frankfurter Strasse 250,  
64293 Darmstadt (DE).

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(72) Inventors; and

(75) Inventors/Applicants (for US only): GOODMAN,  
Simon [DE/DE]; Friedrich-Ebert Strasse 102a, 64347  
Griesheim (DE). SCHUPPAN, Detlef [DE/DE]; Baumzeit  
2, 91088 Bubenreuth (DE). PATSENKER, Eleonora  
[BY/DE]; Vierziggmannstrasse 17/30, 91054 Erlangen  
(DE). POPOV, Yury [BY/DE]; Woehrstrasse 1, 91054  
Erlangen (DE). BAUER, Michael [DE/DE]; Mozart-  
strasse 54b, 91052 Erlangen (DE). WIESNER, Matthias  
[DE/DE]; Beethovenring 10, 64342 Seeheim-Jugenheim

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(54) Title: ALFAVBETA3 AND ALFAVBETA6 INTEGRIN ANTAGONISTS AS ANTIFIBROTIC AGENTS

(57) Abstract: This invention relates to inhibition of  $\alpha\beta$  integrins, especially  $\alpha\beta 3$  and  $\alpha\beta 6$  integrins, by specific antagonists, preferably non-peptidic antagonists, related compounds and compounds with comparable specificity, that downregulate fibrogenesis by inhibiting cell migration and production of pro-fibrogenic molecules (e.g., collagens, TIMP-1) and cytokines (e.g., CTGF) by activated hepatic stellate cells/myofibroblasts, activated epithelia and endothelia. These antagonists alone or in combination with other agents can effectively prevent, mitigate or even reverse development of advanced fibrosis, such as fibrosis/cirrhosis of the liver and fibrosis of other organs, such as lungs, kidneys, intestine, pancreas, skin and arteries.